



WATER MANAGEMENT MONTHLY REPORT

Information Exchange Bulletin

Vol. No. 02 – 02

Date: 01 March 2002

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RESERVOIR OPERATION AND SYSTEM STATUS FOR FEBRUARY 2002

HIGHLIGHTS – Cairo stage began the month at 41.0 feet and ended at 22.7 feet and was rising slowly. Cairo stage crested at 43.5 feet on the 3rd of February. Flood stage is 40 feet.

WEATHER –The weather during February was continued warm and dry. Temperatures continued the well above normal established in January resulting in very little snow pack in the basin. Precipitation was well below normal for most of the basin. Most areas south and east of the Ohio River received less than half the expected precipitation. Driest areas were in North Carolina, eastern Tennessee, Virginia and southern West Virginia where only a quarter of expected precipitation was received. Only northern Indiana, Illinois and drainages along Lake Erie had normal to above normal precipitation.

TEMPERATURE AND PRECIPITATION – FEBRUARY 2002

	TEMPERATURE		PRECIPITATION	
STATION	OBSERVED DEGREES F	DEPARTURE FROM NORMAL	OBSERVED INCHES	DEPARTURE FROM NORMAL
Pittsburgh, PA	34.9	+4.4	1.28	-1.09
Charleston, WV	38.1	+1.2	0.89	-2.30
Columbus, OH	35.9	+3.9	1.67	-0.53
Cincinnati, OH	36.7	+2.6	1.81	-0.94
Louisville, KY	40.5	+2.9	1.47	-1.78
Indianapolis, IN	35.6	+4.4	1.73	-0.68
Evansville, IN	38.4	+2.6	0.74	-2.36

Nashville, TN	40.5	-0.8	1.99	-1.70
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STREAMFLOW -- Ohio River monthly average flows for February ranged from a low of 52 percent of normal at Cincinnati, OH to a high of 78 percent of normal at Pittsburgh, PA. Daily flows ranged from a low of 20 percent of normal at Louisville, KY to a high of 167 percent of normal at Paducah, KY.

The following table presents the flow data summary for February at the Ohio River Index Stations:

FLOW DATA – FEBRUARY 2002

STATION	AVERAGE MONTHLY FLOW	PERCENT LONG-TERM NORMAL		
		MONTHLY	DAILY	
	CUBIC FEET/SECOND		HIGH	LOW
Pittsburgh, PA	38,400	78	143	40
Huntington, WV	70,600	55	87	28
Cincinnati, OH	85,500	52	98	24
Louisville, KY	111,900	58	108	20
Evansville, IN	136,600	59	113	28
Paducah, KY	346,900	73	167	32

RESERVOIRS -- February started with 4.4% utilization of the total system flood control storage and ended the month at 1.8%. System-wide augmentation storage increased from 96.4% at the beginning of the month to 98.8% by the end of the month. Significant flood storage utilization in excess of 25% occurred only at Union City project in the Allegheny River basin. The following table depicts storage change by tributary reservoir subsystem for February:

CHANGE IN STORAGE TRIBUTARY-RESERVOIR SUBSYSTEM	(ACRE-FEET)
Allegheny-Monongahela-Beaver	+2,600
Muskingum-Little Kanawha-Hocking-Kanawha-Guyandotte	+10,900

Twelvepole-Big Sandy-Little Sandy-Scioto	-300
Little Miami-Licking-Mill Creek-Great Miami	-14,500
Kentucky-Salt-Green-Wabash	-205,400
Cumberland	-496,300
TOTAL	-703,000

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